

Multi-Dimensional Integrated Circuit Connection Network Using LDT

5

ABSTRACT

The presently preferred embodiment of the invention provides a system in which a plurality of integrated circuits are connected in a multi-dimensional network configuration without requiring an LDT switch. In this configuration, each integrated circuit has more than two LDT Interfaces. For example, integrated circuits with four LDT interfaces are assembled into a two-dimensional mesh. Integrated circuits with four LDT interfaces can also be linked into a PLEX topology.

15